

STRUCTURE OF LED ILLUMINATING APPARATUS

ABSTRACT OF THE INVENTION

5 The present invention provides a structure of an LED illuminating apparatus,
which is used as the light source to prevent damage to the optical components by
the UV and IR radiation emitted from the conventional UHP mercury lamp. The
red, green, and blue monochromatic LED arrays emit desirable wavelengths
such as the primary colors rather than starting with a broadband light source
10 and filter out the undesired wavelengths of the conventional projector.